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(54) **ACTIVITY MONITORING APPARATUS**

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CPC combination set(s) only.

See application file for complete search history.

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#### **ABSTRACT**

A vehicle component moves between a first position exposing a rearward area of a vehicle interior and a second position at least partially concealing the rearward area. A movement detection device senses movement of the vehicle component. A vehicle ignition device within the vehicle body structure is operated by a vehicle operator. A controller is operably connected to the movement detection device, the vehicle ignition device and an alerting device. The controller detects movement of the vehicle component and operation of the vehicle ignition device in predetermined sequences of movement and operation. The controller thereafter determines whether or not the vehicle operator has potentially left an object in the rearward area. In response to determining that the vehicle operator may have left an object in the rearward area of the vehicle interior, the controller provides an alarm signal.

**20 Claims, 5 Drawing Sheets**

